

# GWk YfYf'I bZU`']b'5m]b[ . '5i hc ØVYfgW`À[ h'g]W`' 'J ]Yf'J Yf`YhnhY

8]Y'A ØbWbYf'Dc`]nY]'VYf]W`hYh'ØVYf'a Y\ fYfY  
J Yf\_Y\ fgi bZ`'Y'i bX'Y]bYb'Hf]W\_X]YVghU\`ž'X]Y'5bZUb[  
GYdhYa VYf'&\$&( 'ghUhhZUbXYb"

⊕'XYb`YhnhYb'HU[ Yb'\Uh'Yg']b'A ØbWYb'a Y\ fYfY'J cfZ`'Y  
[ Y[ YVYbž'X]Y'Ui Zi bhYfgW]YX`]W`Y'K Y]gY'XUg  
G]WYf\Y]hgVYk i gghgY]b'XYf'6Yj Ø\_Yfi b[ 'Ub[ YgdfcW`Yb'\UVYb"  
8]YgY'9fY][ b]ggYž'j cb'J Yf\_Y\ fgi bZ`'Yb'V]g'ni '\_f]a ]bY`Yb  
< UbX'i b[ Ybž'k YfZYb': fU[ Yb'ØVYf'X]Y'G]WYf\Y]h'a '5`hU[ 'Ui Z'

9]b'gWk YfYf'J Yf\_Y\ fgi bZU`'YfY][ bYh'g]W`Ua ') "GYdhYa VYf']b  
5m]b[ ž'U'g'Y]bY'%-!`À\ f][ Y': U\ fYf]b'a ]h]\fYa 'JK'j cb'XYf  
: U\ fVU\ b'UV\_Ua "'8]Yg'ZØ\ fhY'ni 'Y]bYa ', VYfgW`U[ 'XYg  
: U\ fnYi [ g'i bX'j Yf'YhnhY'j ]Yf'⊕gUggYbž'XUfi bhYf'Y]bYb  
&&!`À\ f][ Yb'A Ubbž'XYf'gWk Yf'j Yf'Yhnh'k i fXY'i bX'Ui g'XYa  
: U\ fnYi [ '[ YfYhYh'k YfXYb'a i gghY"'8]Y'Dc`]nY]'U'< ]bk Y]gY'Ui Z  
5`\_c\c`\_cbgi a 'XYf': U\ fYf]b'i bX'X]Y'k Y]hYfYb'9fa ]h'i b[ Yb'ni f  
l bZU`i fgUW`Y'ØVYfbca a Yb"'8Yf'I bZU`j YfXYi h]W`hž'k ]Y'gW`bY`  
g]W`Ui g'Y]bYf'j Yfa Y]bh]W`\Ufa `cgYb': U\ fh'XfUa Uh]gW`Y  
G]hi Uh]cbYb'Ybhk ]W\_Y'b`\_ØbbYb"

## 9]bVfi W`'i bX'Hf]W\_X]YVghU\`' 'HU\_h]\_Yb'XYf ? f]a ]bU`]h`h

5a '( "GYdhYa VYf'k i fXY'Y]bY', \$!`À\ f][ Y'A ØbWbYf]b'CdZYf'Y]bYg  
Hf]W\_X]YVghU\`g'Xi fW`ZU`gW`Y'< UbXk Yf\_Yf"'8]Y'A ÀbbYf'\UhhYb  
g]W`Ni [ Ub[ 'ni ']\fYa '<Ui g'j YfgW`UZh'i bX'k `À\ fYbXXYggYb  
YfVYi hYhYb'g]Y'6Uf[ Y'X'i bX'GW`a i W\_]a 'K Yfh'j cb'a Y\ fYfYb  
HUi gYbX'9i fc"'8Yf'J cfZU`nY][ hž'k ]Y'À'hYfY'A YbgW`Yb'cZi[ Yn]Y'h

Ub[ YgdfcWYb'k YfXYb'i bX'k ]Y'k ]W\h][ 'Yg']ghž'dchYbn]Y`Y  
6YhfØ[ Yf'ni 'Yf\_YbbYb"8]Y'Dc`nY]'V]hhYh'i a '<]bk Y]gY'ni 'XYb  
J YfXÅW\h][ Ybž'X]Y'U'g'a Åbb`W\`VYgW\f]YVYb'k YfXYb'i bX'8Yi hgW\  
gdfYW\Yb"

⇒ 'gY`VYb'NY]hfUi a 'k i fXY'Ui W\`Y]b'' &!Å\f][ Yf'8Yi hgW\Yf'c\`bY  
ZYghYb'K c\bg]hn]'b'Y]bY'⇒ V]ggVi XY' ]b'GW\k UV]b[ 'Y]b[ YVfcW\Yb"  
8Ub\_`Y]bYf'Ui Za Yf\_gUa Yb'NYi [ ]bž'X]Y'X]Y'Dc`nY]'U'Ufa ]YfhYž  
\_cbbhY'XYf'A Ubb'gW\`bY``ZYgh[ Ybca a Yb'k YfXYb"9f'k ]fX'bi b  
k Y[ Yb'VYgcbXYfg'gW\k YfYb'8]YVghU\`g'Ub[ Y\_`U[ h"Gc`W\Y  
J cfZÅ`Y'k YfZYb'Y]b'GW\`U[ `]W\h'Ui ZX]Y'Bchk YbX][ \_Y]hj cb  
BUW\VUfgW\Užhgk UW\gUa \_Y]hi bX'Y]bYf'gW\`bY``Yb'FYU\_h]cb'Ui Z  
j YfXÅW\h][ Y'5\_hj ]hÅhYb"

## J Yf\_Y\ fgi bZÅ`Y'i bX G]W\ Yf\ Y]hga U» bU\ a Yb

5a '\*"'GYdhYa VYf'\_Ua 'Yg']b'i bhYf[ ]Yg]b[ 'ni 'Y]bYa 'k Y]hYfYb  
I bZU`žVY]'XYa 'Y]bY`\*' !Å\f][ Y': U\ffUXZU\ fYf]b'c\`bY'<Y`a  
ghØfnhY'i bX'gW\k Yf'j Yf`Yhnh'k i fXY"8]Yg'i bhYfghfY]W\h'X]Y  
6YXYi hi b[ 'j cb'G]W\Yf\Y]hgUi gfØghi b[ ž]bgVYgcbXYfY'ZØf  
FUXZU\ fYf"8]Y'Dc`nY]'`Uh'VYhcbhž'k ]Y'k ]W\h][ 'XUg'HfU[ Yb'j cb  
<Y`a Yb']ghž'Ui W\`k Ybb'Yg'\_Y]bY' [ YgYhn`]W\Y'DZ]W\h' [ ]Vh"

9]b'UbXYfYg`VYa Yf\_Ybgk YfhYg'9fY][ b]g'YfY][ bYhY'g]W\`Ua 'gY`VYb  
HU[ ' ]b'<UXYfbž'U'g'Y]bY' &+!Å\f][ Y': i » [ Åb[ Yf]b'VY]a 'J Yfgi W\ž  
]\fYb'<i bX'Y]bni ZUb[ Ybž'j cb'Y]bYa '5i hc'YfZUggh'k i fXY"8Yf  
: U\ fYf'XYg': U\fnYi [ g'V`]YV'i bj Yf`Yhnhž'XcW\`YfbYi h'k ]fX  
XYi h]W\ž'k ]Y'gW\`bY``[ YZÅ\`f]W\Y'G]hi Uh]cbYb'ja 'GhfU» Ybj Yf\_Y\`f  
YbhghY\Yb'\_ØbbYb"

5a '+"'GYdhYa VYf'k i fXY'ni XYa 'Y]b'DUggUbh']b'XYf'5`hghUXh  
VYcVUW\hYhž'XYf'a ]h'Y]bYa 'GW\k Yfh'Xi fW\`X]Y': i » [ Åb[ YfncbY  
[ ]b[ "'GdÅhYf'ghY`hY'g]W\`YfUi gž'XUgg'Yg'g]W\`i a 'Y]b  
H]YfUVk Y\`f[ YfÅh'\UbXY'hYž'XUg'bi f'XYa '5bgW\Y]b'bUW\`k ]Y'Y]bY  
K UZZY'k ]f\_hY"8]Y'Dc`nY]'bU\`a 'XYb'' \$!Å\f][ Yb'A Ubb'Ui Z[ fi bX  
XYg'J Yfghc» Yg'[ Y[ Yb'XUg'K UZZYb[ YgYhn']b'; Yk U\fgUa "'Gc`W\Y  
J cfZÅ`Y'j YfXYi h]W\Yb'X]Y'GYbg]V`]hÅh]a 'i a [ Ub[ 'a ]h

j Yfa Y]bh]WYb'6YXfc\i b[ Yb'i bX'X]Y'Bchk YbX][ \_Y]h'k UWgUa 'ni V`Y]VYb"

⊕ J cfVYfY]hi b[ 'Ui Z'XYb'GWi `VY[ ]bb'Ua '%\$"'GYdhYa VYf'k ]fX'X]Y Dc`]nY]]b'A ØbWYb'j YfghÅf\_h'X]Y'GWi 'k Y[ Y'i bX'< U'hYghY`Yb ØVYfk UWYbž'i a 'X]Y'G]WYf\Y]h'XYf'GWØ'Yf'ni '[ Yk Å\`f'Y]ghYb"'9g ]gh'Y]bY`NY]hž'j]b'XYf'gck c\`'? ]bXYf'U`g'Ui W'9fk UWgYbY VYgcbXYfg'UW'hgUa 'gY]b'a ØggYbž'XU'? ]bXYf'ja 'GhfU» Ybj Yf\_Y\`f cZhi bVYfYWYbVUf'fYU[ ]YfYb" J Yf\_Y\`fghY]'bY\`a Yf'g]bX Ui Z[ Yfi ZYbž'VYgcbXYfY'J c'fg]W'h'k U'hYb'ni ``UggYb'i bX'X]Y Ya dZc\`YbYb'G]WYf\Y]hga U» bU\`a Yb'ni `VYZc`[ Ybž'i a 'i bZÅ`Y'ni j Yfa Y]XYb"

8]YgY'J cfZÅ`Y'Ui g'XYf'F Y[ ]cb'nY][ Ybž'\ck 'k ]W'h][ G]WYf\Y]hgVYk i ggghY]b' ]gh'i bX'k ]Y'g]W'gck c\` J Yf\_Y\`fgg]WYf\Y]h'U`g'Ui W' dYfgØb`]WY'G]WYf\Y]h' ]b'XYf 7ca a i b]hmi[ Y[ YbgY]h][ `VYY]bZi ggYb' \_ØbbYb" J cb'i bZÅ`Yb' ]a GhfU» Ybj Yf\_Y\`f'V]g'\ ]b'ni `f]a ]bY`Yb', VYf[ f]ZYb' `Yg' ]gh'ghYhg fUhgUa ž'k UWgUa 'ni 'gY]b'i bX'X]Y'Y][ YbYb G]WYf\Y]hgj cf\_Y\`fi b[ Yb'ni `ØVYfXYb\_Yb" `X'XYf'\_Ubb'VY]'XYf GWUZZi b[ 'Y]bYf'g]WYfYfYb'i a [ YVi b[ `Y`ZYbž'Y[ U`cV' ]a GhfU» Ybj Yf\_Y\`f'cXYf'Xi fW'BUWVUfgWUZhg\ ]ZY"'8]Y'Dc`]nY] V`Y]Vh' ]b'X]YgYb'5b[ Y`Y[ Yb\`Y]hYb'Y]b'j YfhfUi Ybgj c`Yf 5bgdfYW'dUf'hbYfž'gc`hY`Yg'6YXUfZ'Ub'k Y]hYfYb'⊕Zcfa Uh]cbYb cXYf'i bhYfghØhni b[ '[ YVYb"

8YhU]`g

6Ygi WYb'G]Y'i bg'Ui Z.'b!U[ "XY